

NCPV Hotline — Week of January 1-7, 2007

Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

(Links may expire)

Current and archived NCPV Hotline issues <link to http://www.nrel.gov/pv/news_hotline.html>

Disclaimer <link to http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html>

Subscribe/Unsubscribe: Email name, organization, and e-mail address to [Carol Riordan](mailto:Carol_Riordan@nrel.gov) <mailto:Carol_Riordan@nrel.gov> at NREL

The NCPV Hotline was off line from 29 December through 1 January for the holidays. This is a catch up issue.

The nation is remembering and honoring Gerald R. Ford, the 38th President of the U.S., who died 26 December 2006.

<http://www.whitehouse.gov/history/presidents/gf38.html>

1-2-07 EPIA Projections / In Memory

During its 2006 end-of-year gathering on 21 December, the EPIA members assessed short-term projections (2010) of solar electricity markets in Europe and globally, as well as required up-scale production capacities, to answer an expected growing demand. EPIA Press 22 December:

http://www.epia.org/documents/PR_061222.pdf (PDF 34 KB)

EPIA: <http://www.epia.org/>

Our deepest sympathies, In Memory of Michel Viaud, <http://www.epia.org/>

http://www.epia.org/documents/Funeral_celebration_WH_speech.pdf

1-2-07 Top Stories 2006

See "The Top Stories of 2006" at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=3991901A0EFF8B2C380C21CD66B5F0E6?id=46987> or <http://tinyurl.com/y66ek5>

See also the Renewable Energy Highlights of 2006 from the Interwest Energy Alliance at:

<http://www.interwest.org/documents/highlights/2006/index.html> or <http://tinyurl.com/yald8v>

1-2-07 CnetNews Year in Review, Solar

See the "Year in review 2006" at CnetNews with stories on concentrating solar, silicon vs. CIGS, silicon supply (behind the headlines) and other articles at: http://news.com.com/2009-11390_3-6136837.html?part=rss&tag=2547-1_3-0-20&subj=news or <http://tinyurl.com/u3yek>

1-2-07 Explosive Solar Market

See the story "A sunny 2006 for solar" through SolarPlaza <http://www.solarplaza.com/content/news.php> at <http://www.earthtimes.org/articles/show/16655.html>

1-2-07 Solar IPOs

The year 2006 marked the beginning of a significant ramp up in solar IPOs and the beginning of serious financial resources coming into the solar industry. See the story by Peter Lynch, at Inside Renewable Energy: <http://www.renewableenergyaccess.com/rea/news/story?id=46950>

1-2-07 Photovoltaics Innovation and Commercialization Center

A University of Toledo-led team has received an \$18.6 million grant for a project that will further solar cell research and commercialization. During the next 3 years, UT will get a total of \$9 million from the Third Frontier Project, a \$1.6 billion state program for nurturing a technology-based economy. Bowling Green State University and Ohio State University will split the remainder. The grant will establish the Photovoltaics Innovation and Commercialization Center at UT. "It really covers the full stream of solar-cell development – from new materials that haven't even been thought of yet to installing the demonstrated technologies," said Robert Collins, a UT physics professor. Press at:

<http://toledoblade.com/apps/pbcs.dll/article?AID=/20061216/NEWS21/612160431> or <http://tinyurl.com/y7jzmy>

Gov. Bob Taft Press: <http://www.taftnews.com/releases/121506ThirdFrontier.htm>

<http://www.taftnews.com/releases/Third%20Frontier%20Project%20awards%2012-15-06.pdf> (PDF 45 KB)

Third Frontier Project: <http://www.thirdfrontier.com/>

http://www.ohiochannel.org/index.cfm?action=third_frontier_project.grant_details&grant_id=92755 or

<http://tinyurl.com/ym5yym>

1-2-07 Solar America Initiative Funding Opportunities Workshop

The U.S. DOE is holding a workshop 7 February 2007 in Arlington, Virginia to identify and prioritize lists of potential PV research topics for inclusion in two proposed funding opportunity announcements directed primarily towards U.S. universities. According to the workshop announcement, these opportunities are currently planned to be entitled "University Research & Development Support for SAI Technology Pathway Partnerships" and "Applied Research for Future Generation Solar Electric Technologies". The announcement states that "Since the original posting of these announcements, the only change in DOE's proposed direction for these actions is to permit the "Applied Research for Future Generation Solar Electric Technologies" FOA to be open to both industry and universities as prime applicants." See the official announcements at:

<http://www.fbo.gov/spg/DOE/PAM/HQ/DOE%2DSNOTE%2D061227%2D001/Synopsis.html>

<http://e-center.doe.gov/doebiz.nsf/UNID/F13C42B4DAD58CE785257251005EDB42?OpenDocument> in particular, click on File Attachments (Announcement for University Workshop.final.doc) at bottom of page

1-2-07 EverQ Partners

Evergreen Solar, Inc., Q-Cells AG and Renewable Energy Corporation announced that the regulatory authorities in Germany have approved previously announced partnership agreements that make the companies equal partners in EverQ, which manufactures solar modules in Thalheim, Germany. More on these agreements at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BAC868B63%2D9338%2D463D%2D802C%2D6AEA74448E7C%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/stn6e>

Evergreen Solar Press: <http://phx.corporate-ir.net/phoenix.zhtml?c=123321&p=irol-newsArticle&ID=944431&highlight> and <http://tinyurl.com/u8cjv>

Evergreen Solar: <http://www.evergreensolar.com/>

REC: <http://www.recgroup.com/>

Q-Cells: http://www.qcells.de/cmadmin_2_474_0.html

EverQ: <http://www.everq-gmbh.com/>

1-2-07 GT Solar Expansion, China

GT Solar Incorporated announced an expansion of its presence in China by the formation of a wholly owned foreign enterprise, GT Solar (Shanghai) Co., Ltd. See the press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=46986> or <http://tinyurl.com/y8unh5>

<http://www.renewableenergyaccess.com/rea/news/story?id=46992>

GT Solar: <http://www.gtsolar.com/>

1-2-07 Amtech Proposed Public Offering, Fiscal Year Results

Amtech Systems, Inc. announced a proposed public offering of common stock. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BD1D665A7%2DF2C8%2D4E9C%2D8F95%2DA73D844BF4FC%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/y3l6y4>

Amtech Systems, Inc. reported results for the 4th quarter and fiscal year ended September 30, 2006.

Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BBE9AE398%2D2B40%2D4F18%2DB070%2D7E82C725F9E0%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/y2xm47>

Amtech Systems, Inc.: <http://www.amtechsystems.com/>

1-2-07 Solar EnerTech / Shanghai University Cooperation

Solar EnerTech Corp announced the inauguration of the Joint R&D Lab facilities to be operated by both Solar EnerTech and Shanghai University. More on the joint facilities and R&D, and a review of 2006 year end, at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BFAE8CFDD%2DF9A8%2D40B0%2DB7E6%2D16292623E729%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/yhbmgn> and

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=46990>

Solar EnerTech: <http://www.solarenertech.com/>

1-2-07 Open Energy Corporation Acquisition of WaterEye Corporation

Open Energy Corporation signed a definitive agreement to acquire WaterEye Corporation. Said David Saltman, President and CEO of Open Energy Corporation, "This is a strategic acquisition for our company. WaterEye has developed proprietary remote monitoring and display technology for water systems, with customers that include GE Water, Siemens, Dow, Dupont and Poseidon Resources. This same monitoring package will be important as we launch Suncone CSP systems next year". Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B10C1CD07%2D8A27%2D4890%2DA1C5%2DEAE79242575D%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/y6dcy3> and

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=46943> or

<http://tinyurl.com/yz9dfc>

Open Energy Corporation: <http://www.openenergycorp.com/>

WaterEye: <http://www.watereye.com/>

1-2-07 AU Optronics into Solar

According to this press, Taiwan-based AU Optronics Corp. is getting into the solar business, and the group is said to have recruited a team of specialists to produce thin-film solar cells. See "Solar Energy Goes Mainstream" at: <http://energy.seekingalpha.com/article/23034>

Related news: <http://www.digitimes.com/displays/a20061226VL202.html>

1-2-07 AEC Inverter and Personnel Announcements

Advanced Energy Conversion announced that it has made several strides forward in its commercialization plans for its Photovoltaic (PV) Solar Inverter, called the ecoJoule™. AEC has named J. Gary McDaniel as President and General Manager of its Products Division, and has named Rocco Irish as Operations Manager of its Products Division. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BC0E06021%2DB65C%2D4195%2D9B1F%2D5F9C5BBD3BA2%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/wg7tq>

AEC: <http://www.advancedenergyconversion.com/>

1-2-07 Solar-Fabrik Management Changes

Solar-Fabrik AG announced the retirement of CEO Georg Salvamoser as of 31 December 2006, and the appointment by the Supervisory Board of CFO Christoph Paradeis as the successor. Press at:

<http://www.presseportal.de/story.htx?nr=920184>

http://www.solar-fabrik.com/konzern-english/solar-fabrik-group/news-single/artikel/change-in-the-management-of-solar-fabrik-ag/?tx_ttnews%5BbackPid%5D=27&cHash=74796c00dc or

<http://tinyurl.com/yxecav>

1-2-07 NREL Scientists Honored

Drs. Sarah Kurtz and Jerry Olson are being honored as 2007 Dan David Prize Laureates along with Dr. James Hansen of NASA, in the category of "Future, Quest for Energy". The prizes are for achievements having outstanding scientific, technological, cultural, or social impact on our world. See the announcement and story at:

<http://www.dandavidprize.com/laureates.html#2007>

http://www.dandavidprize.com/laureates/future2007-kurtz_olson.html or <http://tinyurl.com/yylale>

1-2-07 More on Advent Solar Marketing

Advent Solar has established new partnerships for marketing their solar modules. For more on these partnerships and Advent's modules, see Solarbuzz at:

<http://www.solarbuzz.com/News/NewsEUCO357.htm>

Advent Solar: <http://www.adventsolar.com/>

1-2-07 Solar Energy Products Market

See the story "Solar Energy Products Market to Hit \$1.3 Billion by 2010" at:

<http://www.industryweek.com/ReadArticle.aspx?ArticleID=13301>

1-2-07 Sustainable Energy Financing

Sustainable Energy Technologies Ltd. announced closing of \$1.25 million in financing. See:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B4C0E9EC8%2DBCFA%2D478C%2DB53C%2D26A9AC61E8B3%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/ycgf2m>

Sustainable Energy Technologies: <http://www.sustainableenergy.com/SET-home/index.html>

1-2-07 PV Activities in Japan [Osamu Ikki]

The December issue of PV Activities in Japan is available (by subscription) with coverage of government, supplier, industry and user activities; PV projects and photos; and other news.

PV Activities in Japan, Osamu Ikki, RTS Corporation, Tokyo, ikki@rts-pv.com.

1-2-07 Governor Schwarzenegger Proposal

California Governor Arnold Schwarzenegger has proposed nearly \$95 million in state spending on clean energy, biotech and nanotech research. The projects include lease revenue bonds totaling \$30 million for research into clean energy in the Helios project at the Lawrence Berkeley National Laboratory. Story at:

http://news.yahoo.com/s/nm/20061227/sc_nm/environment_california_dc_1 or <http://tinyurl.com/yc7npix>

LBNL Helios: http://foundry.lbl.gov/facilities/Helios/index_helios.htm

1-2-07 Renewables Program Guidebook, Workshop California Energy Commission

The 8th edition of the Emerging Renewables Program Guidebook adopted 13 December 2006 is available at the CEC Website. The guidebook is effective as of 1 January 2007. See:

<http://www.energy.ca.gov/renewables/documents/index.html#emerging>

http://news.yahoo.com/s/nm/20061221/sc_nm/solar_california_dc_1

The Renewables Committee will hold a committee workshop on 10 January on Guideline Revisions for the Renewable Energy Program and Renewable Portfolio Standards Implementation. See:

<http://www.energy.ca.gov/renewables/02-REN-1038/documents/index.html#011007> or

<http://tinyurl.com/yImfqi>

1-2-07 IREC Newsletter [Jane Pulaski]

For the latest issue of the Interstate Renewable Energy Council State and Stakeholders Newsletter, with coverage of schools going solar, interconnection / net metering, incentives / rebates, community outreach, training / certification, grants/ RFPs, and other news, go to:

<http://irecusa.org/commout/enewsletter.html>

1-2-07 More on Green Energy TV

Green Energy TV exposes green-alternative-renewable-clean energy to the world via video clips from those who have pioneered success. See more on this clearinghouse at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B7DF3ED92%2DD747%2D48C5%2DA547%2D0B576BA16C82%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/yg5e9n>

Green Energy TV: <http://www.greenenergytv.com/>

1-2-07 Residential Solar Power Cost Effective

See the California Energy Commission's Web site to read their two-page flyer. It shows that a homeowner who puts solar on their house and finances it properly with their mortgage can save money, said Travis Bradford, founder and director of the Prometheus Institute for Sustainable Development. See the full story at:

<http://www.crmbuyer.com/story/must-read/54852.html>

Prometheus Institute: <http://www.prometheus.org/>

1-2-07 Building Integrated PV

See the article "The building is the solar cell" at Wired: <http://www.wired.com/news/technology/0,72323-0.html?tw=rss.technology> or <http://tinyurl.com/yhhzmp>

1-2-07 FPL Solar Project

The 250-kW PV solar project FPL is building east of Sarasota will help meet FPL's commitment to customers who have signed up for its Sunshine Energy program. Story at:

http://www.heraldtribune.com/apps/pbcs.dll/article?AID=/20061225/BUSINESS/612250336/1006/SPORT_S or <http://tinyurl.com/y94b92>

FPL: http://www.fpl.com/environment/conservation/alternative_energy.shtml#3 or <http://tinyurl.com/r5cbk>
http://www.fpl.com/residential/electric/sunshine_energy.shtml

1-2-07 Silicon Supply

See the story "Silicon, Solar Power and Corporate Responsibility, Part 1," at

<http://www.ecommercetimes.com/story/qKxymSGtwHR7U/Silicon-Solar-Power-and-Corporate-Responsibility-Part-1.xhtml> or <http://tinyurl.com/y52yud>

1-2-07 Motech / AE Polysilicon Agreement

Motech Industries signed an agreement with AE Polysilicon for a 5-year supply of polysilicon. Press at:

http://www.digitimes.com/bits_chips/a20070102PD208.html

http://www.motechind.com/Solar_News.asp

Motech: http://www.motechind.com/Motech_Solar.asp

1-2-07 Future of Solar Power in Northeast

Some of the best potential customers for the solar power industry are homeowners and small businesses in the Northeast who will install small-scale systems on their property. See the story "The Future of Solar Power Lies in the Northeast" by Jonathan Klein, Founder of the Topline Strategy Group, at:

<http://www.renewableenergyaccess.com/rea/news/reinsider/story?id=46946> or <http://tinyurl.com/ydry5l>

Topline Strategy Group: http://www.toplinestrategy.com/solar_form.htm

1-2-07 Support for Solar Budgets [Ken Bossong]

About 100 business, environmental, consumer, energy policy, and other organizations wrote a letter to Representatives and Senators offering recommendations for funding levels in key federal energy programs in 2007, including the recommendation to fund the DOE Solar Energy Technologies program at the proposed FY '07 level of \$148 million. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story;jsessionid=56CF288E4A75F6218ABD047A08DB6235?id=46965> or <http://tinyurl.com/yc5387>

1-2-07 Solar Electrification in Pakistan

Brigadier Dr. Naseem A. Khan, Secretary, Alternative Energy Development Board and Member (technical), government of Pakistan, announced that the country's 400 villages, 300 of them in Balochistan and 100 in Sindh, will be electrified by solar energy. The PC-1 for electrification through solar energy has been approved and Rs450 million allocated for the project. Press at:

http://www.thenews.com.pk/top_story_detail.asp?id=4804

Pakistan Council of Renewable Energy Technology: <http://www.pcret.gov.pk/>

1-2-07 Asia Solar Energy and PV Project Exhibition

For information on the 2007 Asia Solar Energy and PV Project Exhibition, 15-17 March in Shanghai, visit:

<http://www.ieeSE.com>

<http://www.ieese.com/SOLAR-ENERGY/english.html>

1-2-07 Solar-powered Bus

Dr. Anond Bunyaratvej, the secretary-general of the National Research Council of Thailand, presided at a press conference to announce the success of developing the country's first solar-powered bus. Press at: <http://etna.mcot.net/query.php?nid=26849>
NRCT: <http://www.nrct.net/eng/>

1-2-07 Semiconductor Devices

Research and Markets has added "Physics of Semiconductor Devices, 3rd Edition" to its offering. Information at: <http://www.researchandmarkets.com/reports/c47581>

1-3-07 Octillion Management Team

Octillion Corp. announced plans to enhance and expand its management team. Said Harmel S. Rayat, a director of the Company, "As a technology incubator, Octillion's goal is to fund the expeditious research and development, and eventual commercialization of emerging technologies that have the potential of serving significant and unmet market needs." More at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BE181FDE1%2DF406%2D405D%2DB797%2D91F46E92B54E%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/yysa66>
Octillion Corp.: <http://www.octillioncorp.com/>

1-3-07 Evergreen Solar CFO

Evergreen Solar, Inc. announced the appointment of Michael El-Hillow as CFO. Press at:
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B2A2EE218%2D0105%2D4638%2D91F0%2D1DC9D6F7E89F%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/ur6yk>
Evergreen Solar: <http://phx.corporate-ir.net/phoenix.zhtml?c=123321&p=irol-news>

1-3-07 Ascent Solar Vice President

Ascent Solar Technologies, Inc. announced that Joseph McCabe has joined the company as Vice President of Business Development. Press at Solarbuzz:
<http://www.solarbuzz.com/news/newsNACO506.htm>
Ascent Solar: <http://www.ascentsolar.com/>

1-3-07 REC Solar COO

John Andersen, Jr. has been appointed EVP REC Solar & Group COO. Story at Solarbuzz:
<http://www.solarbuzz.com/News/NewsEUCO358.htm>
REC: <http://www.recgroup.com/>

1-3-07 ARISE German Operations

For an update on ARISE German operations and a new VP and GM for Germany, see:
<http://www.centreforenergy.com/displayNewsArticle.asp?From=Sector&template=2,2&NewsID=9735849&ResultCategoryType=2,7&NewsPageID=3> or <http://tinyurl.com/yajkoa>
ARISE:
<http://www.centreforenergy.com/outsideNav.asp?href=http%3A%2F%2Fwww%2Earisetech%2Ecom&template=2,2> or <http://tinyurl.com/yh7fby>

1-3-07 Thin-Film Solutions

The former Alpha Optics, Inc. is now ProtoFlex Corporation, with a focus on thin-film-based product solutions – prototype to production, see: <http://www.protoflexcorp.com/>

1-3-07 Canadian Solar Distribution and Sales Agreement, Spain

Canadian Solar Inc. announced it has won a contract worth \$40-\$50 million in 2007 with Amur Energy Division for sales and distribution in Spain. Press at Solarbuzz:
<http://www.solarbuzz.com/News/NewsASCO85.htm> and
<http://news.moneycentral.msn.com/provider/providerarticle.aspx?feed=AP&Date=20070103&ID=6311650>
or <http://tinyurl.com/y97hms>
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BD74C89AE%2D6C83%2D49E2%2DB887%2D7F16539129CF%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/y5olbm>
Canadian Solar: <http://www.csisolar.com/>

1-3-07 More on voltwerk

Voltwerk AG is operating under the name EPURON GmbH from 1 January 2007. More at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=46976&src=rss> or <http://tinyurl.com/yzn84u>
EPURON: <http://www.epuron.de/desktopdefault.aspx>

1-3-07 Solar Homes Partnership, California

See the story "New Solar Homes Partnership Under Way in California" at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=47005>
California Energy Commission: <http://www.energy.ca.gov/>

1-3-07 Motech Inverter

According to this press, after meeting European standards in September 2006, Motech Industries anticipates its PV inverters will start contributing to its revenues from the second quarter of 2007. Press at: http://www.digitimes.com/bits_chips/a20070103PB205.html
Motech Industries: <http://www.motechind.com/>

1-3-07 More on HECO PV

Hawaiian Electric Company plans to seek proposals early in 2007 from solar energy companies to build, own, and operate a PV system on the roof of its Archer Substation in Oahu. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story;jsessionid=43C4B81FC81A08A04A9C9FA72528E792?id=47001> or <http://tinyurl.com/ycvkrp>
Hawaiian Electric Company: <http://www.heco.com/portal/site/heco>

1-3-07 Hydrogen Solar Research Grant

Hydrogen Solar Ltd has been awarded a £70,000 research grant from the South East England Development Agency for work on photoactive iron oxide materials for the company's solar technology. Press at: <http://www.fuelcellsworks.com/Supppage6664.html>
Hydrogen Solar: <http://www.hydrogensolar.com/>

1-3-07 AC Solar Power Apparatus

According to this story, inventors in California have developed solar power apparatus that converts solar energy into AC electrical energy. See the reference at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=46993&src=rss> or <http://tinyurl.com/yh8rfq>
Patent Application: <http://tinyurl.com/yzjjqv>

1-3-07 Open Energy Corporation System in Oregon

Open Energy Corporation announced that its SolarSave® roofing membranes have been installed at the Sweet Life Patisserie in Eugene, Oregon. See more on the 10.8 kW system, and Oregon initiatives, at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B9F56B4AE%2D69C6%2D4A89%2DA9F3%2D2C7CAC07E6E5%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/yzrkg2>
Open Energy Corporation: <http://www.openenergycorp.com/>

1-3-07 AET PV Array, New Jersey

The Village of Millburn now has a 75-kW PV system installed by American Energy Technologies. See the story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR721.htm>
American Energy Technologies: <http://www.americanenergytech.com/>

1-3-07 Solar in North Carolina

See "Seeking simpler solar review" regarding utility interconnections in North Carolina at: <http://www.newsobserver.com/104/story/527650.html>

1-4-07 Solar Thin Films / Renewable Energy Solutions R&D

Solar Thin Films, Inc. announced an R&D program with Renewable Energy Solutions, Inc. (RESI) to develop manufacturing equipment for CIGS-based thin film PV modules. Story at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BF50246D0%2DEC1C%2D4813%2DB735>

[%2D2C25FED492EB%7D&siteid=mktw&dist=nbk&symb=](#) or <http://tinyurl.com/ye692k>
RESI: <http://www.resi-usa.com/>

1-4-07 XsunX Agreement with Sencera

XsunX, Inc. announced it has entered into a technology development and licensing agreement with Sencera, a developer of next generation plasma sources. Using the funds provided by XsunX, Sencera will develop a thin film solar cell manufacturing process using its patent-pending plasma technology.

Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B003B375C%2D96E9%2D4184%2DA620%2D4BB672F1CA08%7D&siteid=mktw&dist=nbk&symb=> or <http://tinyurl.com/ybyar2>

XsunX: <http://www.xsunx.com/>

Sencera: <http://www.sencera.com/>

1-4-07 More on New AET PV System in New Jersey

American Energy Technologies has added another Customer On-Site Renewable Energy system under the New Jersey Board of Public Utilities Clean Energy Program™. The 236-kW array on Capitol Lighting's Eatontown retail facility comprises 788 Schott modules and 2 SatCon inverters. Story at

Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR722.htm>

American Energy Technologies: <http://www.americanenergytech.com/>

Schott Solar: <http://www.us.schott.com/photovoltaic/english/index.html>

New Jersey's Clean Energy Program™: <http://www.njcleanenergy.com/>

SatCon: <http://www.satcon.com/>

1-4-07 Wal-Mart Solar

See the story "Retail giant Wal-Mart is thinking big about solar power", through Solarbuzz

<http://www.solarbuzz.com/News/Newspage.asp>, at: http://news.com.com/2100-11395_3-6146851.html?part=rss&tag=2547-1_3-0-20&subj=news or <http://tinyurl.com/yxc26v>

1-4-07 Puget Sound Solar and Wind Power Plant

Puget Sound Energy is building a large-scale combined solar and wind power plant. The utility, a subsidiary of Puget Energy, is seeking proposals for the development of a 500-kW solar system. See the nwCurrent at: <http://www.nwcurrent.com/renewable/4983616.html>

Puget Sound Energy: <http://www.pse.com/insidePSE/newsSolarRFP.aspx>

1-4-07 PV System Financing, Fetzer Vineyard, California

MMA Renewable Ventures, a subsidiary of Municipal Mortgage & Equity, LLC, coordinated the financial backing to own, operate and maintain the Fetzer Vineyards 901-kW PV system and sell the clean energy to Fetzer under a long-term Solar Services Agreement contract with a fixed rate for electricity. The PV system was developed by 3 Phases Energy and installed by PowerLight. See the story at

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=47009>

MMA Renewable Ventures: <http://www.mmarenewableventures.com/>

3 Phases Energy: <http://www.3phases.com/>

PowerLight: <http://www.renewableenergyaccess.com/rea/partner?cid=1382>

Fetzer Vineyards: <http://www.fetzer.com/fetzer/index.aspx>

1-4-07 Clean Energy 2006

See the story "Clean Energy's Big Year", through RenewableEnergyAccess

<http://www.renewableenergyaccess.com/rea/news/story?id=47008&src=rss> or <http://tinyurl.com/yy3u5c>

at: <http://www.redherring.com/Article.aspx?a=20516&hed=Clean+Energy's+Big+Year> or

<http://tinyurl.com/yv8sf>

See also the RenewableEnergyAccess Podcast "A Look Back at 2006" at:

<http://www.renewableenergyaccess.com/rea/news/podcast?id=46999> or <http://tinyurl.com/ycotqo>

1-4-07 Silicon Supply, Schott Solar Facility in Massachusetts

For press on silicon supply and Schott Solar's facility in Billerica, through Solarbuzz

<http://www.solarbuzz.com/News/Newspage.asp> see:

<http://business.bostonherald.com/businessNews/view.bg?articleid=175228> or <http://tinyurl.com/u95lj>

1-4-07 Solar in California

See the story "Plugging into the sun" at the New York Times:

<http://www.nytimes.com/2007/01/04/garden/04solar.html>

1-4-07 More on Solar Plant in Deming, New Mexico

According to this article, financial backing has yet to be secured for a solar power plant on the Western Power Grid at Luna Energy Facility. Story at: http://www.demingheadlight.com/news/ci_4943447

October 2006 Story: <http://www.renewableenergyaccess.com/rea/news/story?id=46194>

1-4-07 PHOTON International Contents

The table of contents for the January 2007 issue of PHOTON International is available at:

<http://www.photon-magazine.com/photon/index.htm>

<http://www.photon-magazine.com/>

1-4-07 Solar-powered Displays

Working with Carmanah® Technologies Corporation, NEC Display Solutions of America announced a solar-powered system for use with all of its monitors. Story at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BB6DE90A0%2D6BC7%2D4299%2DB5DD%2D6D7F1BF3B211%7D&siteid=mktw&dist=nbk&synd=or> or <http://tinyurl.com/yk4xz9>

NEC: <http://www.necdisplay.com/>

Carmanah: <http://www.carmanah.com/>

1-4-07 Open Energy at Investor Conference

Open Energy Corp. announced that the company's President and CEO will present at the 9th Annual ICR XChange Conference 10-11 January in California. Information at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B07A3B836%2D8629%2D4CF7%2D96AF%2DEDE72C4884A5%7D&siteid=mktw&dist=nbk&synd=or> or <http://tinyurl.com/t85km>

Open Energy: <http://www.openenergycorp.com/>

ICR XChange: <http://www.icr-online.com/xchange/x9/attendee/index.htm>

1-4-07 Clean Tech Investor Summit

For information on the 3rd Annual Clean-Tech Investor Summit set for 23-24 January 2007 in Palm Springs, see: <http://www.ibfconferences.com/ibf/viewdetails.asp?lstconfname=183>

Clean Edge: <http://www.cleantech.com/index.php>

1-5-07 Energy Innovations Concentrator

According to this press, Energy Innovations expects to release a solar concentrator for the commercial market this year. The company is developing systems specifically for flat roofs typically seen in office parks and large retail outlets. Its subsidiary, EI Solutions, is installing a 1.6 MW system at Google's corporate headquarters. Press at: http://news.com.com/2061-11128_3-6147286.html

Energy Innovations: <http://www.energyinnovations.com/>

EI Solutions: <http://www.eispv.com/>

1-5-07 Evergreen Solar at Growth Conference

Evergreen Solar, Inc. announced that the company is presenting at the 9th Annual Needham Growth Conference in New York, 9 January. Press at:

<http://biz.yahoo.com/bw/070104/20070104006042.html?v=1>

Evergreen Solar: <http://www.evergreensolar.com/>

Needham: <http://www.needhamco.com/> (see pdf)

1-5-07 Silicon, Solar Power and Corporate Responsibility, Part 2

Indications are that 2007 will be a bumper year for the solar power and renewable energy industry, as was noted in Part 1 of this series. See the story "Silicon, Solar Power and Corporate Responsibility, Part 2" at TechNewsWorld™: <http://www.technewsworld.com/story/must-read/54990.html> or

<http://tinyurl.com/y4wzwt>

1-5-07 Nanotubes for PV

According to this article, Japanese scientists have made highly photoconductive nanotubes they believe could be used for PV applications. See the story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=47016>

Optics.org: <http://optics.org/cws/Articles/ViewArticle.do?channel=technology&articleId=26719> or <http://tinyurl.com/t47cw>

1-5-07 Semiconductor Industry Turning to PV

See the article, "New opportunities? Why the semiconductor industry is turning its attention to PV", at Renewable Energy World Magazine: http://www.renewable-energy-world.com/display_article/279884/121/CRTIS/none/none/New-opportunities?-Why-the-semiconductor-industry-is-turning-its-attention-to-PV/ or <http://tinyurl.com/vmb6e>

See other PV articles too, e.g. Solar skyline: BIPV in New York City; Island electrification: Developing sustainable power in the Indian Sunderbans; MANCAT building: Manchester, UK; at: <http://www.renewable-energy-world.com/currentissue/index.cfm?p=121> or <http://tinyurl.com/y94u9v>

1-5-07 Clean Energy Facility Proposals, New York

Companies, research institutions, or teams interested in submitting proposals for funding to develop a facility to produce innovative clean energy technology products in New York State may do so through NYSEERDA. Information at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=47024>

http://www.nyserda.org/includes/funding_content_pop.asp?i=PON%201115 or <http://tinyurl.com/ygjc4w>

1-5-07 Solar Night and Better Choice Installer Training

Solar Night Industries, in partnership with Better Choice Group, has announced the first in a series of Solar Installation Training Programs called "Connecting to the Grid" to be held 9-10 January 2007 in Baltimore, Maryland. Press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=47021> or <http://tinyurl.com/y3pysq>

Training Information: <http://www.solarnightindustries.com/planninganddesigninggridconnectedsystems> or <http://tinyurl.com/vlabbb>

Solar Night Industries: <http://www.solarnightindustries.com/>

Better Choice Group: <http://www.betterchoicegroup.com/>

1-5-07 California Solar Forums [California Solar Center]

For information on the California Solar Center – SolarForums in early 2007, visit:

http://www.californiasolarcenter.org/reg_forums-w2007.html or <http://tinyurl.com/yxuc45>

In related solar news....

1-5-07 Solar Hot Water for Affordable Homes, UK

Places for People announced their tie-in with solar panel manufacturer Viridian Solar, placing an order for up to 250 solar panels to be installed in affordable homes across the UK next year. The solar panels will provide up to 60% of the annual hot water demand for the homes. See the story at:

<http://www.azobuild.com/news.asp?newsID=2940>

Places for People: <http://www.placesforpeople.co.uk/>

Viridian Solar: <http://www.viridiansolar.co.uk/>